

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008829.D
 Acq On : 18 May 2022 21:08
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 19 03:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	100	0.00
2 T	Dichlorodifluoromethane	0.376	0.290	22.9	95	0.00
3 P	Chloromethane	0.583	0.447	23.3	91	0.00
4 C	Vinyl Chloride	0.825	0.669	18.9#	93	0.00
5 T	Bromomethane	0.631	0.614	2.7	115	0.00
6 T	Chloroethane	0.610	0.500	18.0	95	0.00
7 T	Trichlorofluoromethane	0.780	0.624	20.0	91	0.00
8 T	Diethyl Ether	0.222	0.214	3.6	105	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.410	12.0	97	0.00
10 T	Methyl Iodide	0.518	0.456	12.0	93	0.00
11 T	Tert butyl alcohol	0.051	0.041	19.6	86	0.01
12 CM	1,1-Dichloroethene	0.424	0.366	13.7#	96	0.00
13 T	Acrolein	0.025	0.012	52.0#	72	0.00
14 T	Allyl chloride	0.624	0.569	8.8	101	0.00
15 T	Acrylonitrile	0.150	0.123	18.0	87	0.00
16 T	Acetone	0.119	0.089	25.2#	85	0.00
17 T	Carbon Disulfide	1.249	0.992	20.6	94	0.00
18 T	Methyl Acetate	0.377	0.283	24.9	90	0.00
19 T	Methyl tert-butyl Ether	1.143	1.238	-8.3	114	0.00
20 T	Methylene Chloride	0.605	0.551	8.9	116	0.00
21 T	trans-1,2-Dichloroethene	0.520	0.465	10.6	98	0.00
22 T	Diisopropyl ether	1.322	1.488	-12.6	118	0.00
23 T	Vinyl Acetate	0.932	0.976	-4.7	106	0.00
24 P	1,1-Dichloroethane	0.877	0.849	3.2	105	0.00
25 T	2-Butanone	0.195	0.163	16.4	87	0.00
26 T	2,2-Dichloropropane	0.834	0.721	13.5	93	0.00
27 T	cis-1,2-Dichloroethene	0.577	0.565	2.1	105	0.00
28 T	Bromochloromethane	0.332	0.369	-11.1	113	0.00
29 T	Tetrahydrofuran	0.130	0.111	14.6	88	0.00
30 C	Chloroform	0.940	0.944	-0.4#	106	0.00
31 T	Cyclohexane	0.817	0.711	13.0	99	0.00
32 T	1,1,1-Trichloroethane	0.872	0.833	4.5	101	0.00
33 S	1,2-Dichloroethane-d4	0.464	0.573	-23.5	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.292	0.319	-9.2	112	0.00
36 T	1,1-Dichloropropene	0.468	0.393	16.0	96	0.00
37 T	Ethyl Acetate	0.279	0.222	20.4	92	0.00
38 T	Carbon Tetrachloride	0.501	0.434	13.4	99	0.00
39 T	Methylcyclohexane	0.555	0.504	9.2	101	0.00
40 TM	Benzene	1.309	1.220	6.8	104	0.00
41 T	Methacrylonitrile	0.147	0.101	31.3#	78	-0.01
42 TM	1,2-Dichloroethane	0.384	0.372	3.1	109	0.00
43 T	Isopropyl Acetate	0.464	0.441	5.0	104	0.00
44 TM	Trichloroethene	0.356	0.325	8.7	102	0.00
45 C	1,2-Dichloropropane	0.311	0.312	-0.3#	110	0.00
46 T	Dibromomethane	0.204	0.191	6.4	106	0.00
47 T	Bromodichloromethane	0.453	0.456	-0.7	112	0.00
48 T	Methyl methacrylate	0.204	0.195	4.4	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.136	1.367	-20.3	113	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.250	8.8	97	0.00
52 CM	Toluene	0.890	0.894	-0.4#	107	0.00
53 T	t-1,3-Dichloropropene	0.471	0.496	-5.3	112	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.508	0.0	110	0.00
55 T	1,1,2-Trichloroethane	0.278	0.287	-3.2	111	0.00
56 T	Ethyl methacrylate	0.337	0.375	-11.3	115	0.00
57 T	1,3-Dichloropropane	0.457	0.468	-2.4	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.198	-15.1	119	0.00
59 T	2-Hexanone	0.196	0.175	10.7	91	0.00
60 T	Dibromochloromethane	0.334	0.352	-5.4	115	0.00
61 T	1,2-Dibromoethane	0.277	0.277	0.0	108	0.00
62 S	4-Bromofluorobenzene	0.400	0.508	-27.0#	120	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.320	0.273	14.7	103	0.00
65 PM	Chlorobenzene	1.012	0.955	5.6	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.369	0.3	116	0.00
67 C	Ethyl Benzene	1.807	1.731	4.2#	108	0.00
68 T	m/p-Xylenes	0.720	0.718	0.3	109	0.00
69 T	o-Xylene	0.665	0.679	-2.1	111	0.00
70 T	Styrene	1.126	1.213	-7.7	114	0.00
71 P	Bromoform	0.251	0.245	2.4	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	118	0.00
73 T	Isopropylbenzene	3.429	2.899	15.5	110	0.00
74 T	N-amyl acetate	0.819	0.717	12.5	112	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.615	19.3	110	0.00
76 T	1,2,3-Trichloropropane	0.578	0.439	24.0	103	0.00
77 T	Bromobenzene	0.795	0.671	15.6	114	0.00
78 T	n-propylbenzene	4.213	3.579	15.0	109	0.00
79 T	2-Chlorotoluene	2.282	2.004	12.2	112	0.00
80 T	1,3,5-Trimethylbenzene	2.769	2.542	8.2	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.200	24.2	96	0.00
82 T	4-Chlorotoluene	2.411	2.203	8.6	111	0.00
83 T	tert-Butylbenzene	2.490	2.264	9.1	111	0.00
84 T	1,2,4-Trimethylbenzene	2.741	2.576	6.0	113	0.00
85 T	sec-Butylbenzene	3.885	3.544	8.8	110	0.00
86 T	p-Isopropyltoluene	3.168	3.000	5.3	111	0.00
87 T	1,3-Dichlorobenzene	1.670	1.528	8.5	113	0.00
88 T	1,4-Dichlorobenzene	1.651	1.517	8.1	112	0.00
89 T	n-Butylbenzene	3.007	2.697	10.3	108	0.00
90 T	Hexachloroethane	0.599	0.538	10.2	113	0.00
91 T	1,2-Dichlorobenzene	1.460	1.372	6.0	115	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.095	26.9#	97	0.00
93 T	1,2,4-Trichlorobenzene	0.797	0.713	10.5	115	0.00
94 T	Hexachlorobutadiene	0.459	0.396	13.7	115	0.00
95 T	Naphthalene	1.782	1.497	16.0	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.635	9.3	117	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6